

Converting Colors

HunterLab(76.2098, -54.4830,
45.6852)

Have a look what the booklet for
HunterLab(76.2098, -54.4830,
45.6852) contains.

HunterLab(76.2614, -54.5016, 45.7148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(76.2614,
-54.5016, 45.7148)**

Conversions

Conversions Part 1

Format	Color
Hex	6CE30E
RGB	108, 227, 14
RGB Percent	42%, 89%, 5%
CMY	0.5765, 0.1098, 0.9450
CMYK	0.52, 0.00, 0.94, 0.11
HSL	94°, 88%, 47%
HSV	94°, 94%, 89%
XYZ	33.7327, 58.1580, 9.8631
YIQ	167.1370, -2.5510, -91.4710

Conversions

Conversions Part 2

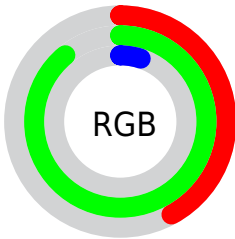
Format	Color
RYB	14, 227, 133
Decimal	7136014
CIELab	80.83, -63.35, 77.12
CIELCh	81, 99.805, 129.403
Yxy	58.1605, 0.3315, 0.5716
Android (android.graphics.Color)	4285326094 (0xFF6CE30E)
YUV	167.1370, -75.4965, -51.8631
Hunter-Lab	76.2614, -54.5016, 45.7148

Details

The HunterLab color **76.2614, -54.5016, 45.7148** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **32.9391, 70.7913, -109.2802**, and the grayscale version is **62.5242, -3.3361, 3.3971**.

A 20% lighter version of the original color is **89.9007, -49.6594, 47.9996**, and **53.9192, -44.6945, 32.4423** is the 20% darker color. If you saturate the color by 10%, you get **75.9337, -55.9116, 45.8112**, and if you desaturate by 10%, it is **76.8860, -51.8061, 45.1376**.

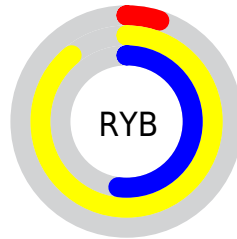
Distribution



Red (42%)

Green (89%)

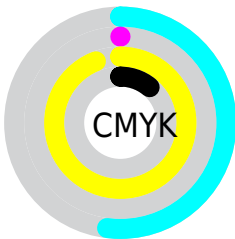
Blue (5%)



Red (5%)

Yellow (89%)

Blue (52%)

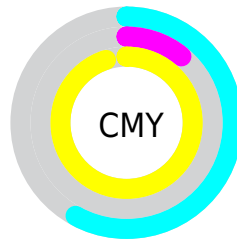


Cyan (52%)

Magenta (0%)

Yellow (94%)

Black (11%)



Cyan (58%)

Magenta (11%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.2614, -54.5016, 45.7148 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 76.2614, -54.5016, 45.7148 by changing the saturation by 10% instead.

■ 76.2614, -54.5016,
45.7148

■ 76.2614, -54.5016,
45.7148

204.3976,
-86.4920, 85.0200

■ 64.7593, -50.3425,
40.5664

■ 101.0725,
-62.3182, 55.4145

■ 53.9004, -45.9627,
35.1925

■ 114.3235,
-66.0270, 60.0073

■ 43.7270, -41.3085,
29.6121

■ 128.1077,
-69.6298, 64.4548

■ 34.2891, -36.3021,
24.0024

■ 142.4053,
-73.1415, 68.7733

■ 25.6490, -30.8298,
17.9543

■ 157.1984,
-76.5743, 72.9773

■ 17.8887, -24.8692,
12.5221

■ 172.4710,

■ 11.1223, -19.4640,

-79.9382, 77.0795

7.7856

188.2086,
-83.2418, 81.0906

■ 3.0275, -5.2981,
2.1193

0.0000, NaN, NaN

■ 76.2614, -54.5016,
45.7148

■ 76.2614, -54.5016,
45.7148

■ 75.9337, -55.9116,
45.8112

■ 76.8860, -51.8061,
45.1376

■ 77.6385, -48.4967,
43.7874

■ 78.5286, -44.5450,
41.5633

■ 79.5619, -39.9413,
38.4021

■ 80.7414, -34.6911,
34.2688

■ 82.0689, -28.8118,
29.1516

■ 83.5444, -22.3307,
23.0577

■ 85.1666, -15.2817,
16.0096

■ 86.9333, -7.7040,
8.0417

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2630, -18.6540, 49.9860



76.2614, -54.5016, 45.7148



76.2630, -72.9636, 29.1390

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2630, -54.5030, 45.7151



76.2630, -34.0571, -133.3875



76.2630, 110.8048, 17.2145

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76.2614, -54.5016, 45.7148



32.9391, 70.7913, -109.2802

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2630, 103.7167, -33.9021



76.2614, -54.5016, 45.7148



76.2630, 11.6925, -144.4414

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2630, -54.5030, 45.7151



76.2630, -63.3601, -75.8598



76.2630, 64.2444, -100.4481



76.2630, 81.7192, 41.6215

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2614, -54.5016, 45.7148



76.2630, -76.4650, 5.0651



76.2630, 64.2444, -100.4481



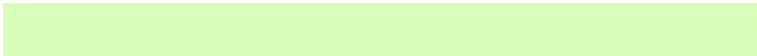
76.2630, 112.7072, 3.2259

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76.2630, -54.5030, 45.7151



94.5658, -28.7826, 29.4732



57.1313, 24.6757, 35.2040



43.4174, -14.7816, 14.9989

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2630, -54.5030, 45.7151



86.6018, -63.9374, 52.2443



74.2314, -62.9987, 43.9182



40.4953, -5.6745, 5.9600



58.0450, -42.4588, 35.0237



15.9499, -10.8355, 9.6386

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.9391, 70.7913, -109.2802



36.0744, 81.7921, -131.8316



46.5001, 88.5948, -52.9380



37.7919, 1.6392, -2.0122



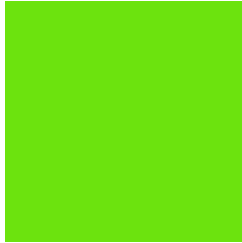
24.3493, 54.9822, -87.2354



7.0211, 15.4280, -21.8518

Previews

White Background



This preview shows how the HunterLab color 76.2614, -54.5016, 45.7148 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 76.2614, -54.5016, 45.7148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 76.2614, -54.5016, 45.7148 Background



This preview shows how black text looks on a background with the HunterLab color 76.2614, -54.5016, 45.7148.



This preview shows how white text looks on a background with the HunterLab color 76.2614, -54.5016, 45.7148.

-54.5016, 45.7148.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

76.2614, -54.5016, 45.7148

Protanopia

75.7074, -10.5784, 46.4654

Deuteranopia

75.5763, 5.9445, 44.4801



Tritanopia

76.0036, -20.0091, -10.7753

Trichromacy



Original Color

76.2614, -54.5016, 45.7148



Protanomaly

74.8660, -30.0055, 45.4931



Deuteranomaly

74.1494, -20.8851, 43.9903



Tritanomaly

75.1112, -38.2393, 22.8373

Monochromacy



Original Color

76.2614, -54.5016, 45.7148



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

66.0711, -26.6841, 26.7501

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.2614, -54.5016, 45.7148 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(108, 227, 14)` looks like.

```
.text, #text, p{  
    color:rgb(108, 227, 14)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(108, 227, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 227, 14) }
```

Border

The CSS property to change the border of an element to HunterLab 76.2614, -54.5016, 45.7148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 227, 14) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(108, 227, 14) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(108, 227, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 227, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 227, 14);  
box-shadow:4px 4px 4px 4px rgb(108, 227,  
14) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.2614, -54.5016, 45.7148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 227, 14) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(108,  
227, 14) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor